

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101424\
 Data File : BP022352.D
 Acq On : 14 Oct 2024 12:32
 Operator : RC/JU
 Sample : P4264-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCYN5

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/15/2024
 Supervised By :mohammad ahmed 10/22/2024

Quant Time: Oct 15 01:02:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 14 11:01:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	109238	20.000	ng/u1	0.00
20) Naphthalene-d8	10.469	136	421913	20.000	ng/u1	0.02
38) Acenaphthene-d10	14.316	164	339465	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	862773	20.000	ng/u1	0.01
79) Chrysene-d12	21.569	240	1037700	20.000	ng/u1	0.02
88) Perylene-d12	24.868	264	1262921	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	8409	2.991	ng/uL	0.00
4) Pyridine-d5	3.634	84	123290	15.976	ng/u1	0.00
7) Phenol-d5	6.887	99	167392	18.204	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.040	67	98591	18.242	ng/u1	0.00
11) 2-Chlorophenol-d4	7.240	132	126958	19.458	ng/u1	0.00
15) 4-Methylphenol-d8	8.399	113	132625	18.073	ng/u1	0.00
21) Nitrobenzene-d5	8.840	128	62454	19.252	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	75938	20.219	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	152018	19.044	ng/u1	0.01
31) 4-Chloroaniline-d4	10.599	131	170732	18.101	ng/u1	0.01
46) Dimethylphthalate-d6	13.722	166	477132	17.690	ng/u1	0.01
49) Acenaphthylene-d8	14.004	160	559226	19.522	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	64557	14.267	ng/u1	0.00
60) Fluorene-d10	15.322	176	466381	19.936	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	66756	11.765	ng/u1	0.02
73) Anthracene-d10	17.228	188	801243	19.741	ng/u1	0.02
81) Pyrene-d10	19.604	212	1096155	19.975	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.639	264	1369687	20.308	ng/u1	0.00
Target Compounds	Qvalue					
30) Naphthalene	10.528	128	12503741	556.407	ng/u1	97
36) 2-Methylnaphthalene	12.122	142	2634492	159.707	ng/u1	97
37) 1-Methylnaphthalene	12.340	142	1250983	74.300	ng/u1	99
50) Acenaphthylene	14.034	152	178205	5.994	ng/u1#	90
52) Acenaphthene	14.387	153	2737702	130.221	ng/u1	99
61) Fluorene	15.387	166	3013495	117.114	ng/u1	99
71) Pentachlorophenol	16.775	266	238365	28.947	ng/u1	97
72) Phenanthrene	17.181	178	15774836	341.748	ng/u1	95
74) Anthracene	17.257	178	1853001	40.227	ng/u1	99
80) Fluoranthene	19.269	202	10249484	162.469	ng/u1	99
82) Pyrene	19.645	202	6994545	103.446	ng/u1	97
85) Benzo(a)anthracene	21.545	228	1985213	27.289	ng/u1	99
87) Chrysene	21.610	228	1569923	23.274	ng/u1	98
90) Benzo(b)fluoranthene	23.827	252	1162105	14.618	ng/u1	100
91) Benzo(k)fluoranthene	23.880	252	313270m	4.025	ng/u1	
93) Benzo(a)pyrene	24.710	252	588473	8.043	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	28.598	276	213140	2.183	ng/u1	96
96) Benzo(g,h,i)perylene	29.751	276	162036	2.134	ng/u1	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

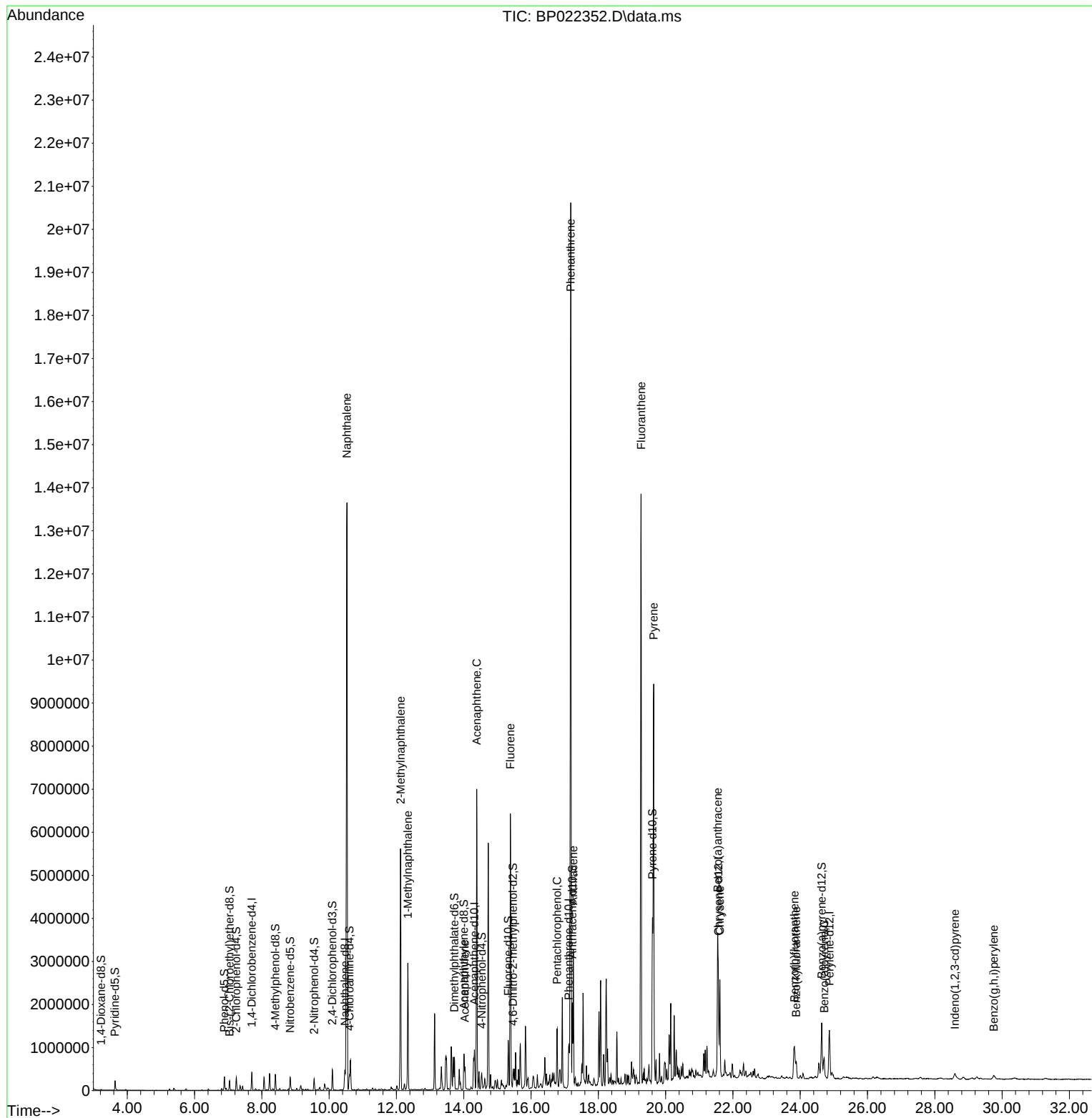
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Data File : BP022352.D
Acq On : 14 Oct 2024 12:32
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ALS Vial : 5 Sample Multiplier: 1

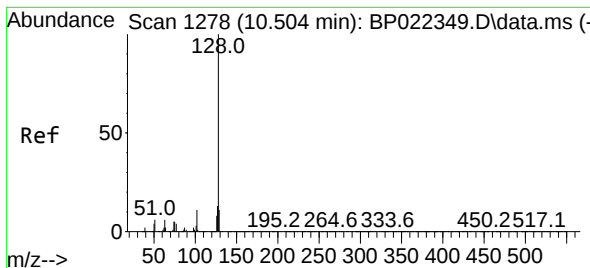
Instrument :
BNA_P
ClientSampleId :
DCYN5

Quant Time: Oct 15 01:02:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 14 11:01:55 2024
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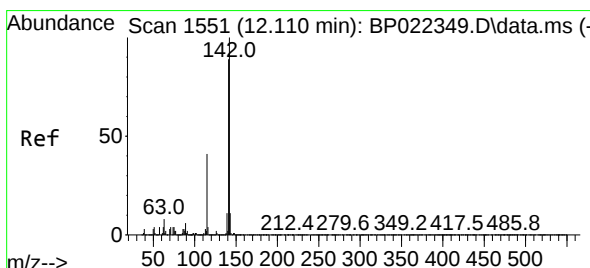
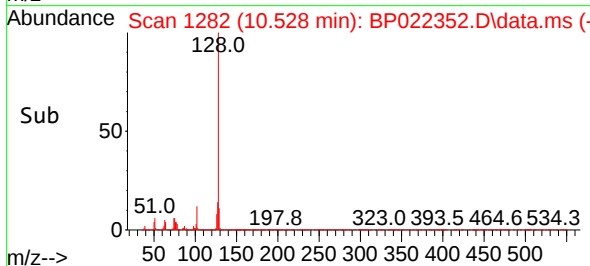
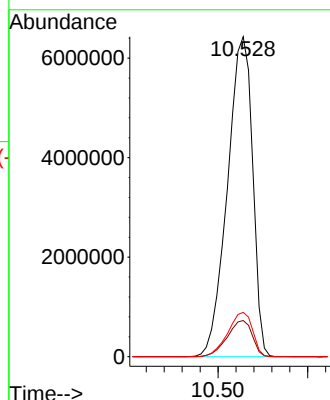
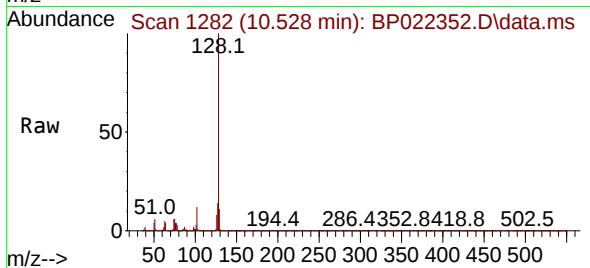
#30
Naphthalene
Concen: 556.407 ng/ul
RT: 10.528 min Scan# 1282
Delta R.T. 0.024 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

Instrument :
BNA_P
ClientSampleId :
DCYN5

Tgt Ion:128 Resp:1250374
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 13.9 9.9 14.9

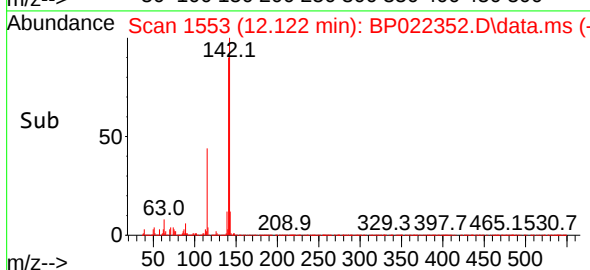
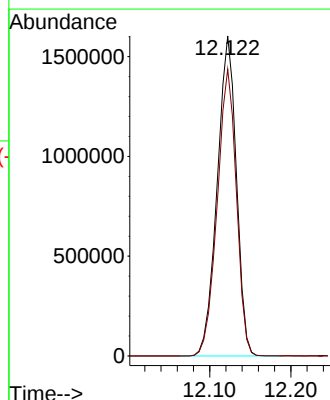
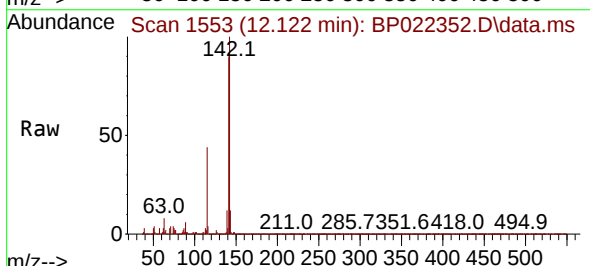
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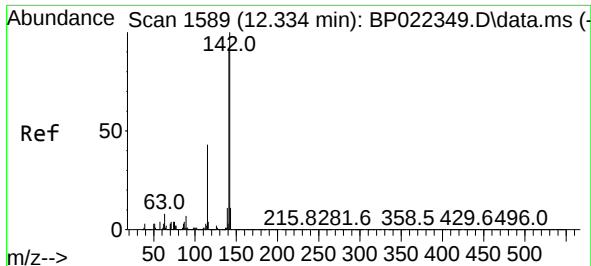
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024



#36
2-Methylnaphthalene
Concen: 159.707 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. 0.012 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

Tgt Ion:142 Resp: 2634492
Ion Ratio Lower Upper
142 100
141 89.7 69.8 104.6





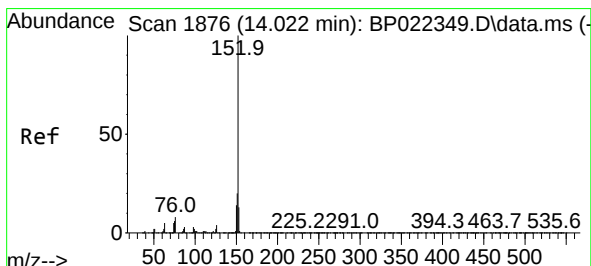
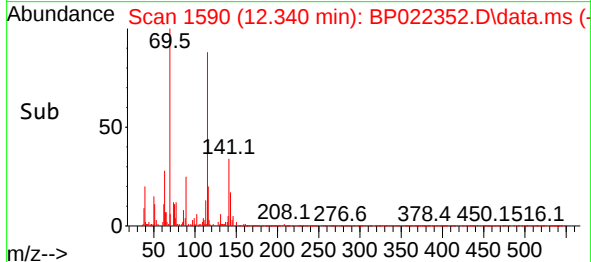
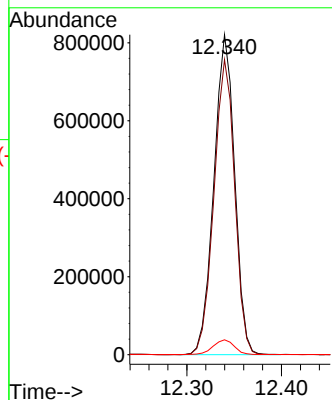
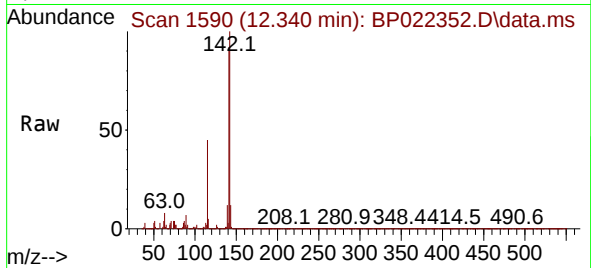
#37
1-Methylnaphthalene
Concen: 74.300 ng/ul
RT: 12.340 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

Instrument :
BNA_P
ClientSampleId :
DCYN5

Tgt Ion:142 Resp: 125098
Ion Ratio Lower Upper
142 100
141 92.2 74.8 112.2
116 4.7 4.1 6.1

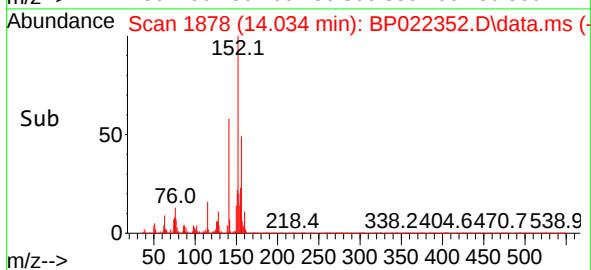
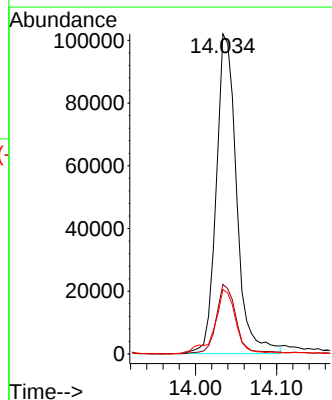
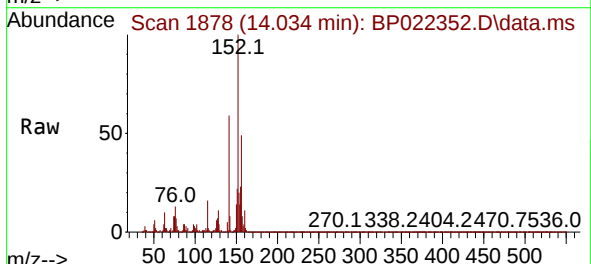
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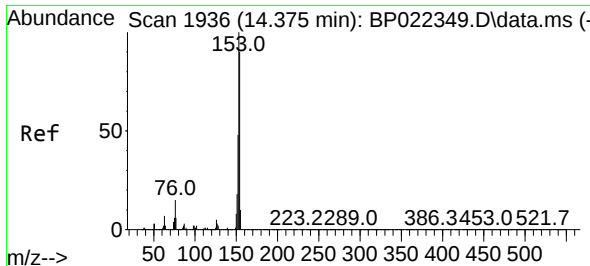
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024



#50
Acenaphthylene
Concen: 5.994 ng/ul
RT: 14.034 min Scan# 1878
Delta R.T. 0.012 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

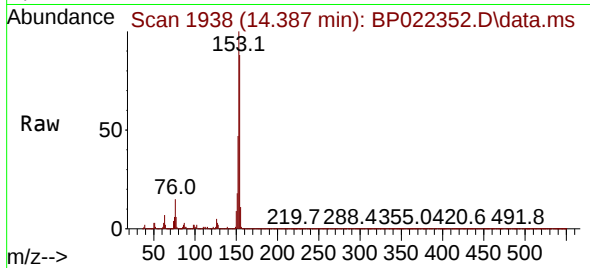
Tgt Ion:152 Resp: 178205
Ion Ratio Lower Upper
152 100
151 21.8 15.8 23.6
153 20.2 10.3 15.5#





#52
Acenaphthene
Concen: 130.221 ng/ul
RT: 14.387 min Scan# 1938
Delta R.T. 0.012 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

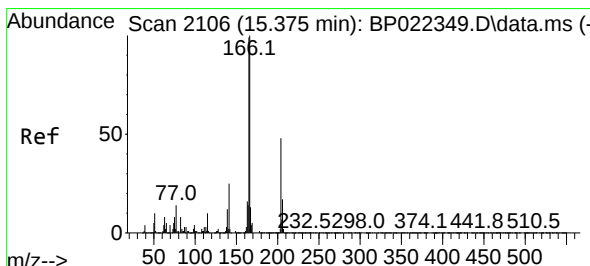
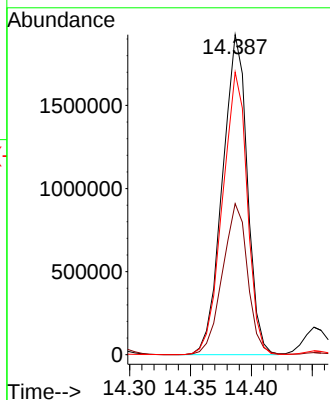
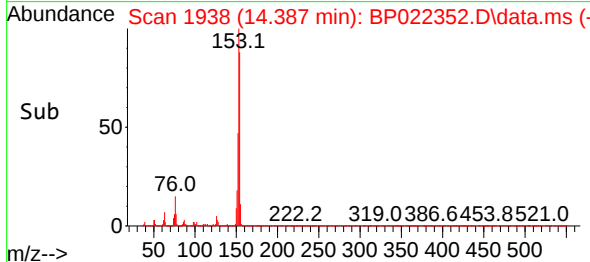
Instrument :
BNA_P
ClientSampleId :
DCYN5



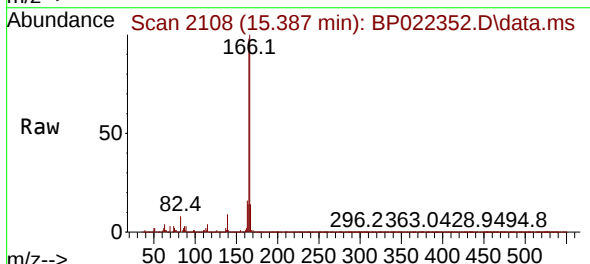
Tgt Ion:153 Resp: 273770
Ion Ratio Lower Upper
153 100
152 47.2 37.8 56.6
154 88.3 69.5 104.3

Manual Integrations
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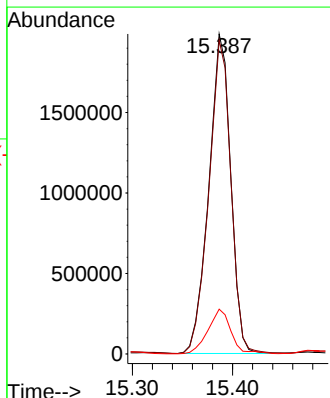
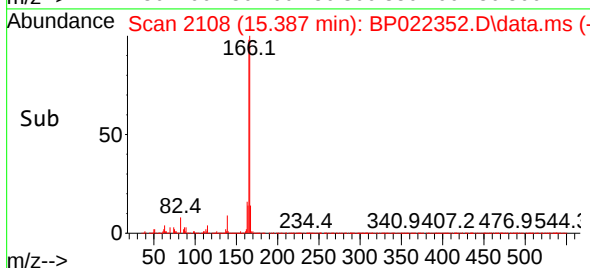
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024

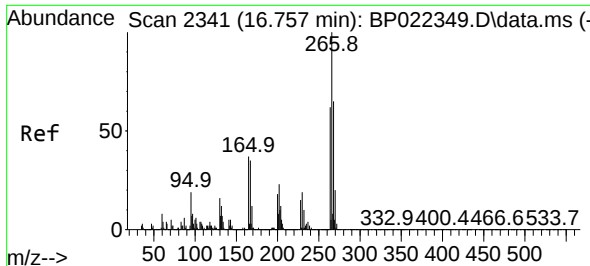


#61
Fluorene
Concen: 117.114 ng/ul
RT: 15.387 min Scan# 2108
Delta R.T. 0.012 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32



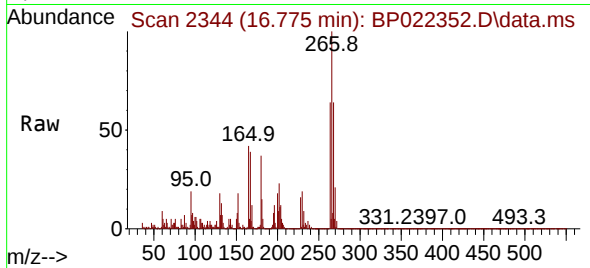
Tgt Ion:166 Resp: 3013495
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.6
167 14.0 11.1 16.7





#71
Pentachlorophenol
Concen: 28.947 ng/ul
RT: 16.775 min Scan# 2413
Delta R.T. 0.018 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

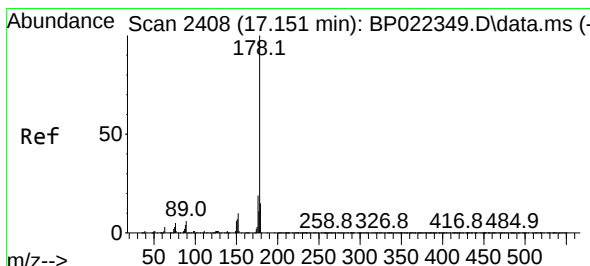
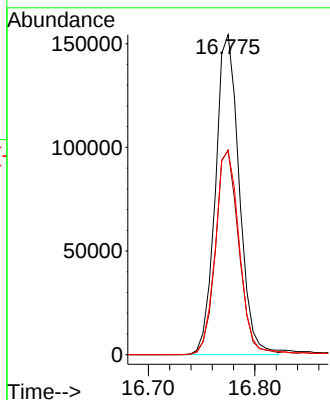
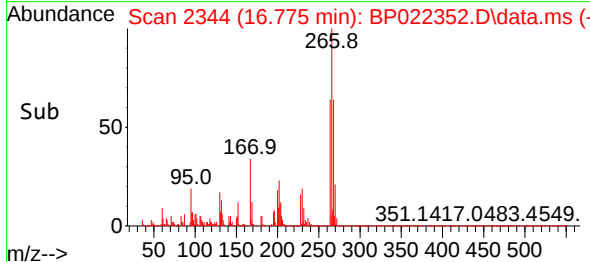
Instrument :
BNA_P
ClientSampleId :
DCYN5



Tgt Ion:266 Resp: 23836
Ion Ratio Lower Upper
266 100
264 63.9 52.4 78.6
268 63.7 53.0 79.4

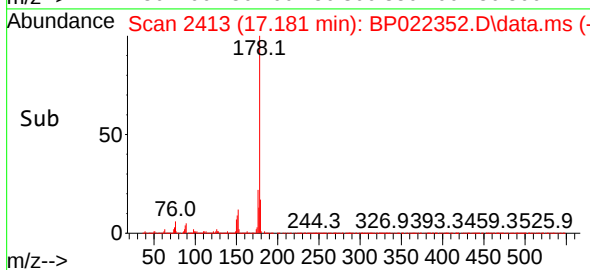
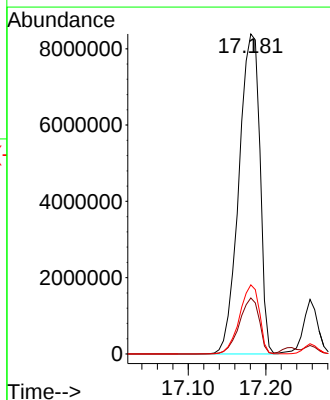
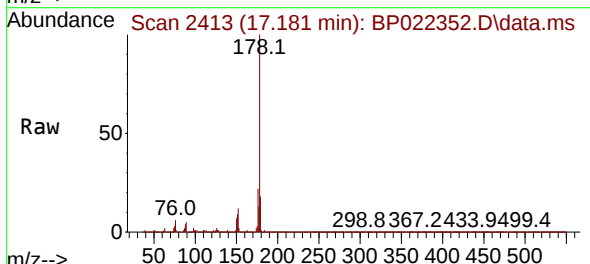
Manual Integrations
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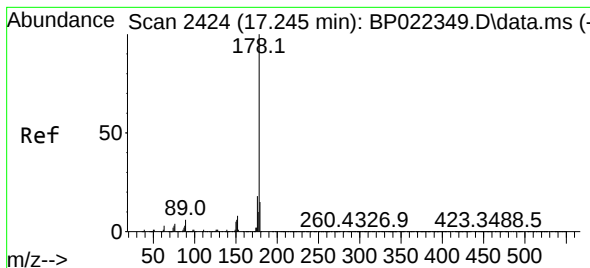
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024



#72
Phenanthrene
Concen: 341.748 ng/ul
RT: 17.181 min Scan# 2413
Delta R.T. 0.030 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

Tgt Ion:178 Resp:15774836
Ion Ratio Lower Upper
178 100
179 17.5 12.2 18.4
176 21.6 15.7 23.5





#74

Anthracene

Concen: 40.227 ng/u1

RT: 17.257 min Scan# 2424

Delta R.T. 0.012 min

Lab File: BP022352.D

Acq: 14 Oct 2024 12:32

Instrument :

BNA_P

ClientSampleId :

DCYN5

Tgt Ion:178 Resp: 185300

Ion Ratio Lower Upper

178 100

179 15.6 12.0 18.0

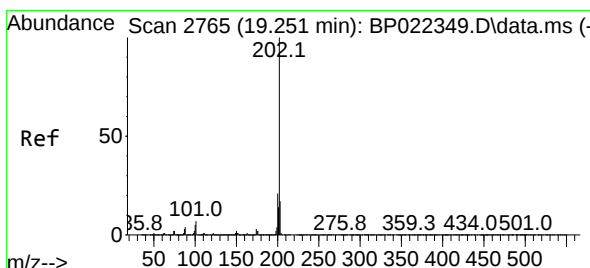
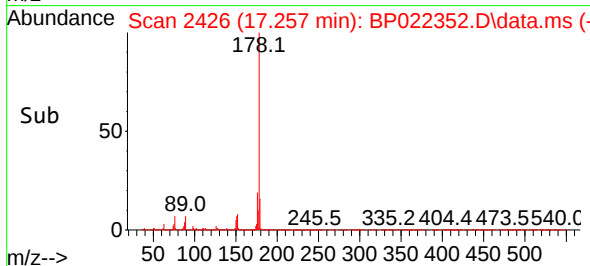
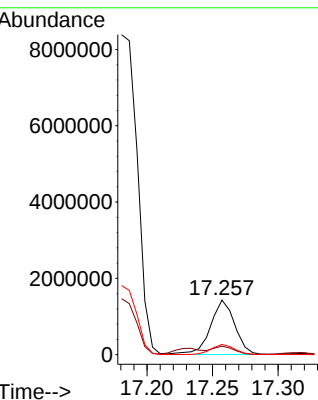
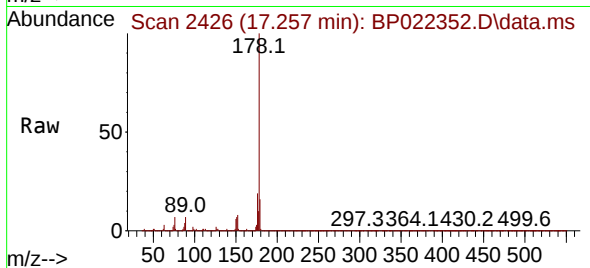
176 18.8 15.0 22.4

Manual Integrations

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Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/22/2024



#80

Fluoranthene

Concen: 162.469 ng/u1

RT: 19.269 min Scan# 2768

Delta R.T. 0.018 min

Lab File: BP022352.D

Acq: 14 Oct 2024 12:32

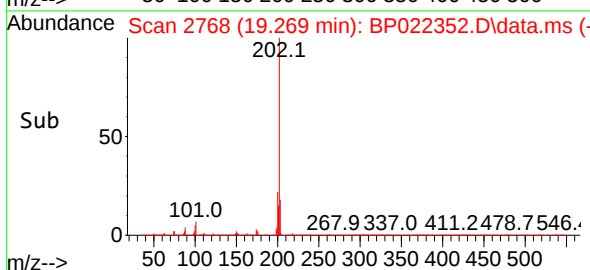
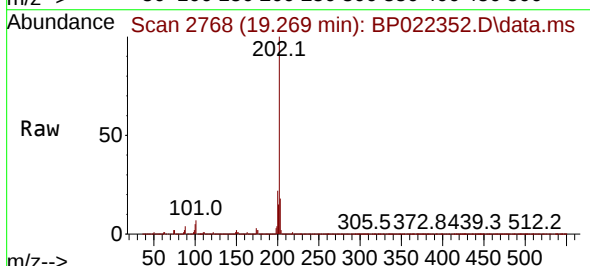
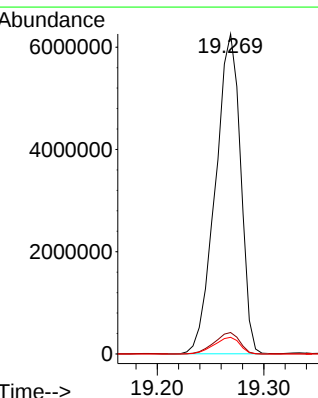
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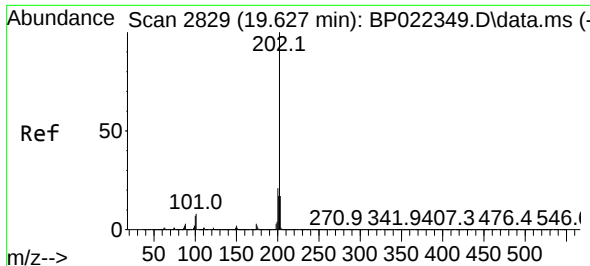
Ion Ratio Lower Upper

202 100

101 6.7 5.8 8.8

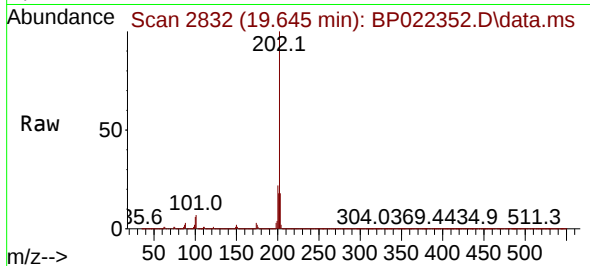
100 5.2 4.5 6.7





#82
Pyrene
Concen: 103.446 ng/u1
RT: 19.645 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

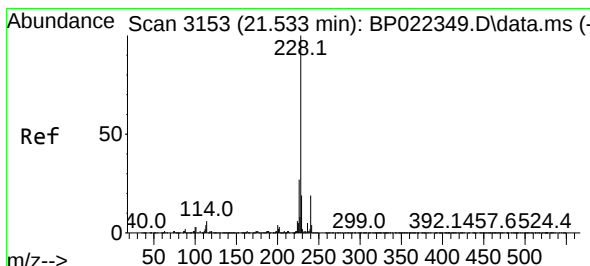
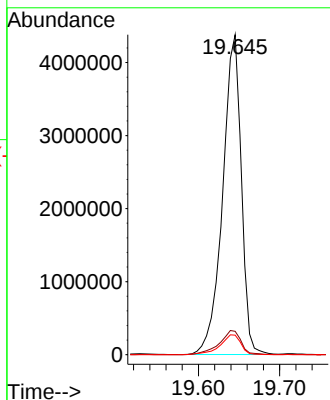
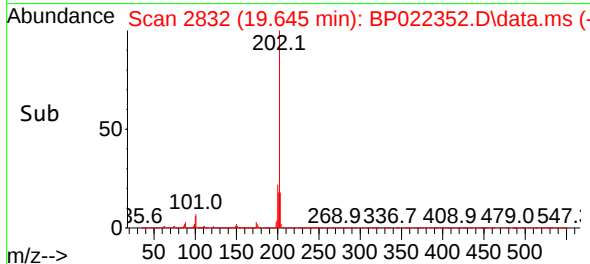
Instrument :
BNA_P
ClientSampleId :
DCYN5



Tgt Ion:202 Resp: 699454
Ion Ratio Lower Upper
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101 7.3 6.7 10.1
100 6.1 5.8 8.6

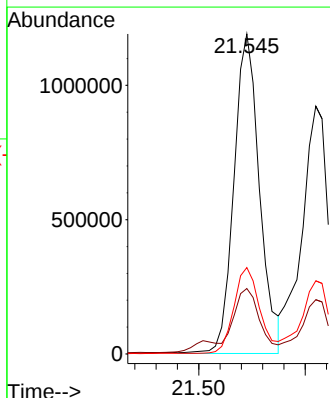
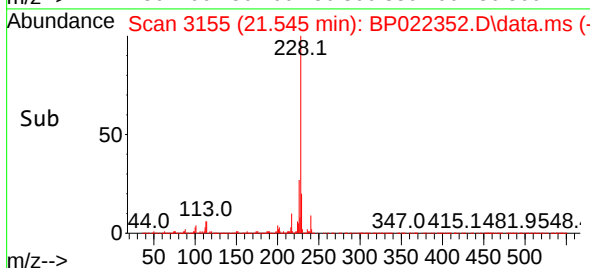
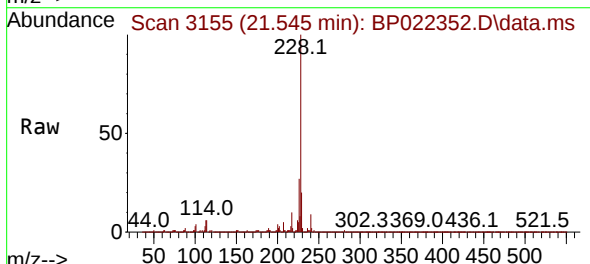
Manual Integrations
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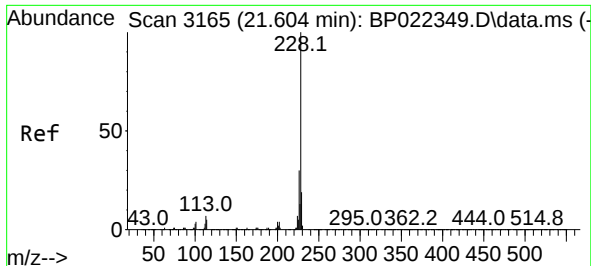
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024



#85
Benzo(a)anthracene
Concen: 27.289 ng/u1
RT: 21.545 min Scan# 3155
Delta R.T. 0.012 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

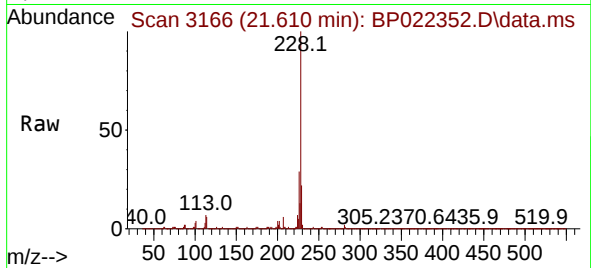
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Ion Ratio Lower Upper
228 100
229 20.4 15.4 23.0
226 27.0 21.5 32.3





#87
Chrysene
Concen: 23.274 ng/u1
RT: 21.610 min Scan# 3165
Delta R.T. 0.006 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32

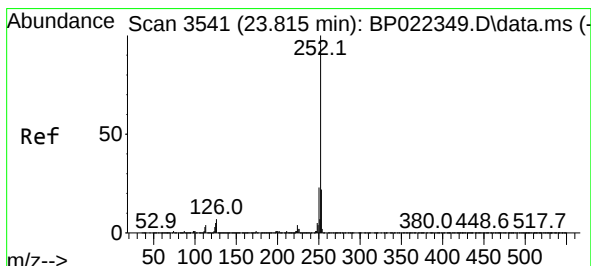
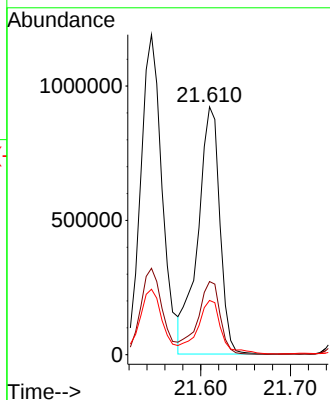
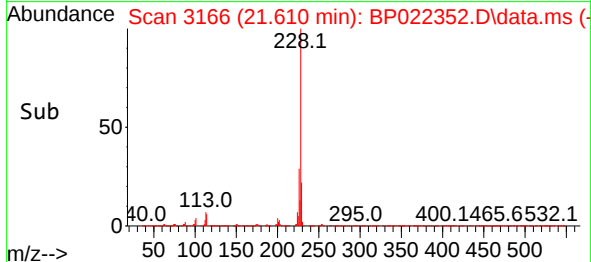
Instrument :
BNA_P
ClientSampleId :
DCYN5



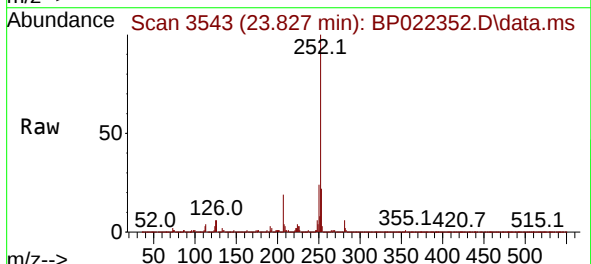
Tgt Ion:228 Resp: 156992
Ion Ratio Lower Upper
228 100
226 29.5 23.8 35.8
229 21.9 15.5 23.3

Manual Integrations
APPROVED

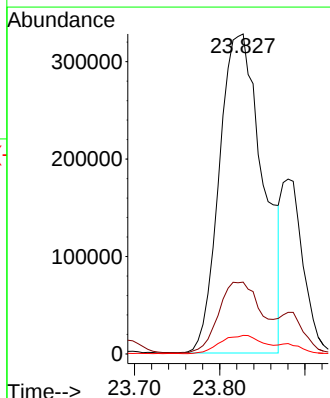
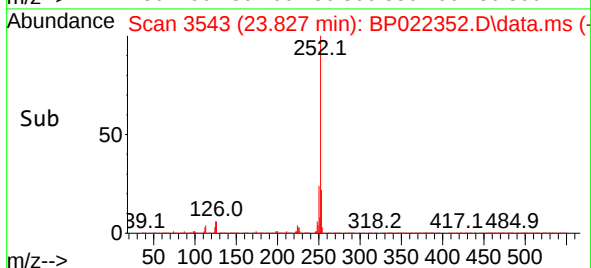
Reviewed By :Yogesh Patel 10/15/2024
Supervised By :mohammad ahmed 10/22/2024

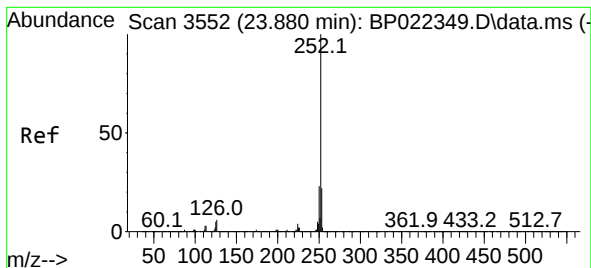


#90
Benzo(b)fluoranthene
Concen: 14.618 ng/u1
RT: 23.827 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BP022352.D
Acq: 14 Oct 2024 12:32



Tgt Ion:252 Resp: 1162105
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 5.8 5.0 7.4





#91

Benzo(k)fluoranthene

Concen: 4.025 ng/ul m

RT: 23.880 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP022352.D

Acq: 14 Oct 2024 12:32

Instrument :

BNA_P

ClientSampleId :

DCYN5

Tgt Ion:252 Resp: 313270

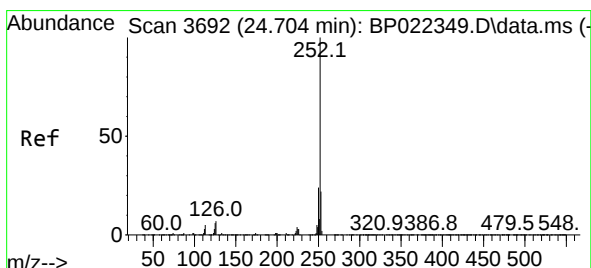
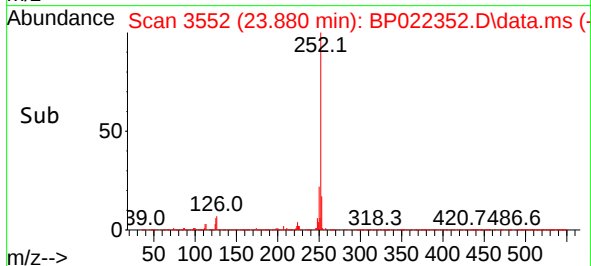
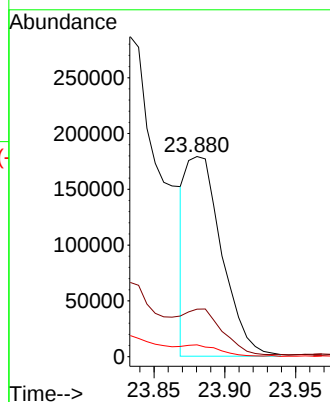
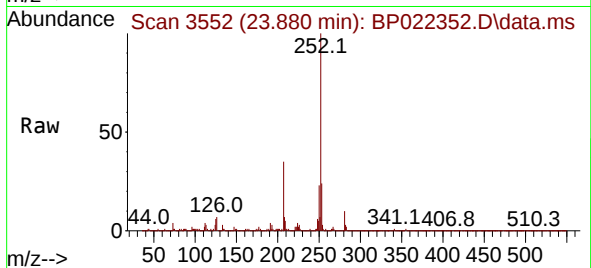
Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.0
125	6.0	4.6	6.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/22/2024



#93

Benzo(a)pyrene

Concen: 8.043 ng/ul

RT: 24.710 min Scan# 3693

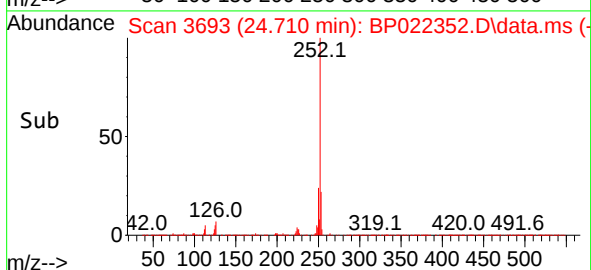
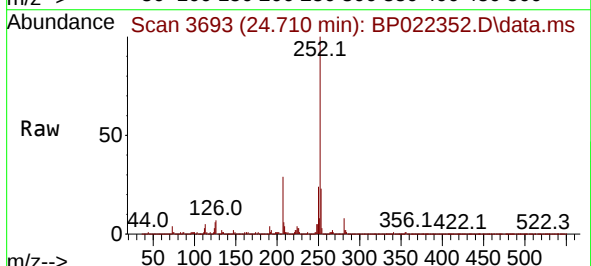
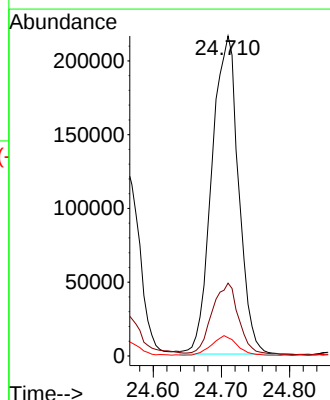
Delta R.T. 0.006 min

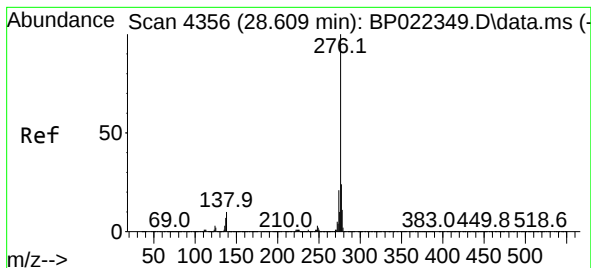
Lab File: BP022352.D

Acq: 14 Oct 2024 12:32

Tgt Ion:252 Resp: 588473

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	5.7	4.9	7.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.183 ng/ul

RT: 28.598 min Scan# 41

Delta R.T. -0.012 min

Lab File: BP022352.D

Acq: 14 Oct 2024 12:32

Instrument :

BNA_P

ClientSampleId :

DCYN5

Tgt Ion:276 Resp: 213140

Ion Ratio Lower Upper

276 100

138 10.4 9.1 13.7

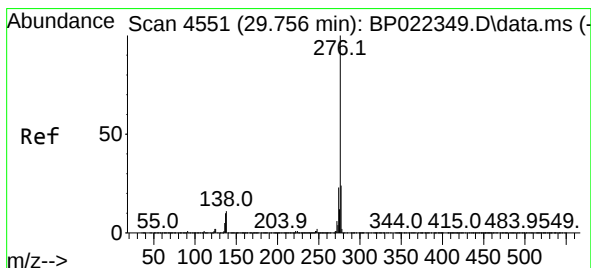
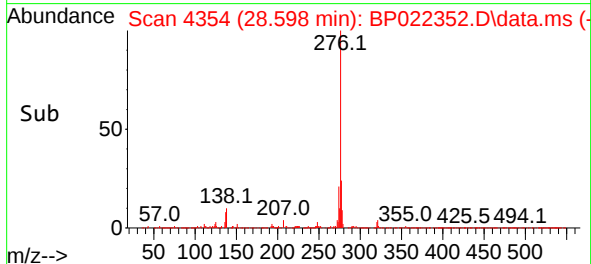
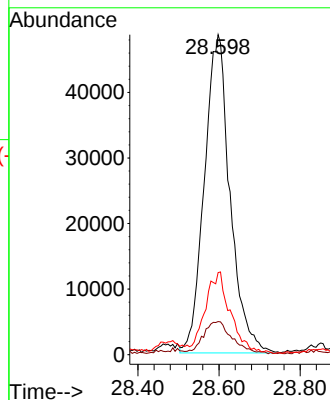
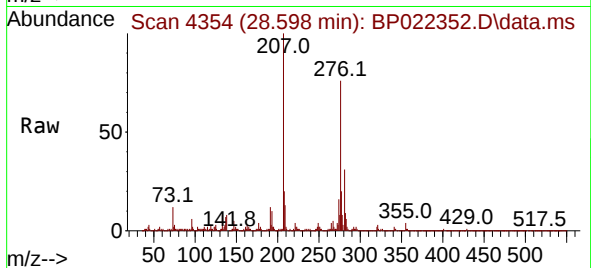
277 25.6 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/15/2024

Supervised By :mohammad ahmed 10/22/2024



#96

Benzo(g,h,i)perylene

Concen: 2.134 ng/ul

RT: 29.751 min Scan# 4550

Delta R.T. -0.006 min

Lab File: BP022352.D

Acq: 14 Oct 2024 12:32

Tgt Ion:276 Resp: 162036

Ion Ratio Lower Upper

276 100

138 10.6 8.5 12.7

277 26.0 19.0 28.4

